

|   |                                    |   |                                |                      |
|---|------------------------------------|---|--------------------------------|----------------------|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT  |                                    |   | 1. CONTRACT ID CODE            | PAGE OF PAGES<br>1 3 |
| 2. AMENDMENT/MODIFICATION NO.<br>A016   | 3. EFFECTIVE DATE<br>See Block 16C | 4. REQUISITION/PURCHASE REQ. NO.  | 5. PROJECT NO. (if applicable) |                      |
| ISSUED BY<br>U.S. Department of Energy<br>Nevada Operations Office<br>P.O. Box 98518<br>Las Vegas, NV 89193-8518  |                                    | 7. ADMINISTERED BY (if other than Item 6) CODE<br>U.S. Department of Energy<br>Yucca Mountain Site Characterization Office<br>P.O. Box 30307<br>Las Vegas, NV 89036 |                                |                      |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and Zip Code)<br><br>Bechtel SAIC Company, LLC<br>1180 Town Center Drive<br>Las Vegas, NV 89144 |                                    | 9A. AMENDMENT OF SOLICITATION NO.<br><br>(✓)  |                                |                      |
| CODE  |                                    | 9B. DATED (SEE ITEM 11)   |                                |                      |
| FACILITY CODE   |                                    | 10A. MODIFICATION OF CONTRACT/ORDER NO.<br>X DE-AC08-01RW12101  |                                |                      |
|   |                                    | 10B. DATED (SEE ITEM 13)<br>11/14/00  |                                |                      |

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

COUNTING AND APPROPRIATION DATA (If required):  
See attached Approved Funding Program Nos. 4 and 5 for FY 2002)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

|     |  |
|-----|--|
| (✓) | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  |
|     | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |
| X   | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:<br>Bilateral - Pub. L. 95-91, DEAR 970-5204-15, Obligation of Funds (MAY 2000), and mutual agreement of the parties.                        |
|     | D. OTHER (Specify type of modification and authority)  |

E. IMPORTANT: Contractor is not, X is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
(See attached pages)

DUPLICATE ORIGINAL

Except as provided herein, all terms and conditions of the document referenced in Item 10A, as heretofore changed, remains unchanged and in full force and effect.

|   |                             |   |                             |
|---|-----------------------------|---|-----------------------------|
| 15A. NAME AND TITLE OF SIGNER (Type or print)<br>Kennon Hess<br>President and General Manager |                             | 16. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>Birdie Hamilton-Ray<br>Contracting Officer |                             |
| 15B. CONTRACTOR/OFFEROR<br><br>Signature of person authorized to sign                         | 15C. DATE SIGNED<br>11/7/01 | 16B. UNITED STATES OF AMERICA<br>BY Birdie Hamilton-Ray<br>(Signature of Contracting Officer)           | 16C. DATE SIGNED<br>11/8/01 |

NSN 7540-01-152-807030-105  
PREVIOUS EDITION UNUSABLE  
SF FORM 30

STANDARD FORM 30 (REV. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.243

D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, X is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
(See attached pages)

DUPLICATE ORIGINAL

Except as provided herein, all terms and conditions of the document referenced in Item 10A, as heretofore changed, remains unchanged and in full force and effect.

|   |                             |   |                             |
|---|-----------------------------|---|-----------------------------|
| 15A. NAME AND TITLE OF SIGNER (Type or print)<br>Kennon Hess<br>President and General Manager |                             | 16. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>Birdie Hamilton-Ray<br>Contracting Officer |                             |
| 15B. CONTRACTOR/OFFEROR<br><br>Signature of person authorized to sign                         | 15C. DATE SIGNED<br>11/7/01 | 16B. UNITED STATES OF AMERICA<br>BY Birdie Hamilton-Ray<br>(Signature of Contracting Officer)           | 16C. DATE SIGNED<br>11/8/01 |

NSN 7540-01-152-807030-105  
PREVIOUS EDITION UNUSABLE  
SF FORM 30

STANDARD FORM 30 (REV. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.243

The purpose of this modification is to incorporate FY 2002 AFP Nos. 4 and 5, revise Clause I.67 of the contract, and to make administrative changes to Modification A014 and A015.

Contract No. DE-AC08-01RW12101 is hereby modified as follows:

1. Clause B.3, ESTIMATED COST AND FEE paragraph (b), is revised to reflect a decrease of (\$641,622). The decrease is due to inter/intra office transfers in the AFPs.
2. As a result of the aforementioned revision per Clause B.3, ESTIMATED COST AND FEE, paragraph (a)(1), there is a net decrease in the estimated cost of (\$641,622). Therefore, the estimated cost for fiscal year 2002 is revised from \$135,673,772 to \$135,032,150. The total contract value inception-to-date is decreased from \$292,388,576 to \$291,746,954.

Accordingly, Clause B.3 is revised as follows:

(b) The estimated cost of the specified contract period, exclusive of the base and award fees, if any, is as follows:

Estimated Cost

Contract Period: October 1, 2001, through September 30, 2002

Contract Line Items

Summary of Direct Costs

|                   |   |               |
|-------------------|---|---------------|
| I.                | Mission   |               |
| a.                | Yucca Mountain (YMP0012, Rev. 00)                           | \$116,449,000 |
| b.                | Acceptance Transportation and Integration (ATI0012, Rev.00) | \$5,703,000   |
| c.                | Program Management & Administration (PMA0012, Rev.00)       | \$2,323,000   |
| d.                | Information Management (IM00012, Rev.00)                    | \$3,799,000   |
| e.                | Plutonium Disposition                                       | \$0           |
| f.                | Quality Assurance (QA00012, Rev.00)                         | \$8,000,000   |
| g.                | IWO 98IDSNF06   | \$0           |
| h.                | IWO NVA0800   | \$0           |
| i.                | IWO NV900101  | \$0           |
| j.                | BSC Support to BN   | \$52,760      |
| k.                | Safeguards & Security                                       | \$0           |
| Total FY 2002 WAD |   | \$136,274,000 |

|                               |  |                      |
|-------------------------------|--|----------------------|
|                               | Inter/intra-office transfers during FY02               | (\$1,241,850)        |
| II.                           | Construction Programs                                  | \$0                  |
| III.                          | Administration   |                      |
|                               | a. Lease Termination Liability Reductions              | \$0                  |
|                               |  | <hr/>                |
|                               | FY 2002 Estimated Costs                                | \$135,032,150        |
| <b>Prior Contract Periods</b> |  |                      |
|                               | November 14, 2000 through September 30, 2001           | \$156,714,804        |
|                               | <b>Grand Total Estimated Costs (inception-to-date)</b> | <b>\$291,746,954</b> |

3. This modification implements changes in contract funding pursuant FY 2002 AFP numbers 4 and 5. The AFPs appear as Attachments 1 and 2 to this modification. The AFPs stipulate the appropriate budget and reporting code distribution of the incremental funding identified below. The following is a summary of funding changes in the AFPs:

| <u>AFP No.</u> | <u>Activities</u>            | <u>Amount</u>     |
|----------------|------------------------------|-------------------|
| 4              | Incremental Funding          | \$85,336.45       |
| 4              | Inter/Intra Office Transfers | (\$588,336.45)    |
| 5              | Incremental Funding          | \$5,129,286       |
| 5              | Inter/Intra Office Transfers | (\$53,286)        |
|                | Total                        | <hr/> \$4,573,000 |

In accordance with changes in AFPs, funds in the amount of \$4,573,000 are hereby obligated to the contract. The total amount of obligated funds from contract inception-to-date is therefore increased from \$189,340,000 by \$4,573,000 to \$193,913,000. Therefore, Clause B.2, OBLIGATION OF FUNDS, is revised to read as follows:

Pursuant to the clause entitled, 'Obligation of Funds', total funds in the amount of \$193,913,000 have been allotted for obligation and are available for payment of allowable costs and any fees to be incurred from the effective date of this contract through the period estimated to end March 31, 2006.

In accordance with changes in AFPs, funds in the amount of \$4,573,000 are hereby obligated to the contract. The total amount of obligated funds from contract inception-to-date is therefore increased from \$189,340,000 by \$4,573,000 to \$193,913,000. Therefore, Clause B.2, OBLIGATION OF FUNDS, is revised to read as follows:

Pursuant to the clause entitled, 'Obligation of Funds', total funds in the amount of \$193,913,000 have been allotted for obligation and are available for payment of allowable costs and any fees to be incurred from the effective date of this contract through the period estimated to end March 31, 2006.